

EE/CprE/SE 492 STATUS REPORT 01

12/2/25 - 02/05/26

Group number: SDMAY26_44

Project title: Culinary Command

Client &/Advisor: Matayas Durr's Father (Restaurant Owner) / Simanta Mitra

Team Members/Role: Anthony Phan, Wyatt Hunter, Ryan Rockey, Kevin Tran, Matayas Durr

○ **Weekly Summary**

The overall objective of this week was to upgrade the app's usability and authentication flow. The team focused on refining the app's design and strengthening infrastructure. On the backend, progress was made with an AI reporting proof-of-concept and the beginning implementation of email-based user onboarding. The team made the decisions to pivot as much as possible to the full AWS suite, to keep the app's services in a single place to reduce points of failure and possible costs lower in the future.

○ **Past week accomplishments**

- Anthony Phan
 - Complete/In Progress on a design on Figma drawings to finalize what final app should appear like to users
 - Redrew designs to match up close to current appearance of app
 - Add on new designs to match previous designs used
 - Talking to team about needed and not needed changes and pages
 - Implement new designs into code to render and behave properly
- Kevin Tran
 - Worked on an AI reporting dashboard proof-of-concept and implemented it as a placeholder.
 - Built a prompt and attached a static csv file to it.
 - The prompt is sent to the Gemini API to be statically analyzed.
 - The analysis is then deserialized and displayed on the dashboard page.
 - Added internal documentation for the team to reference
- Ryan Rockey
 - Worked on the admin-created user sign up features, particularly the email server
 - Implemented a rudimentary email system using the Resend API, before deciding we were going to use AWS Cognito
 - Started implementation of the refactor of the LocationState management of the app

- Matayas Durr
 - Helped with Figma drawings.
 - Helped define what features and screens are necessary for a successful in-restaurant demo.
 - Planned and outlined the demo flow for restaurant use, focusing on usability, clarity, and minimal friction
 - Provided feedback to the team on prioritizing demo-ready functionality over incomplete features
- Wyatt Hunter
 - Bug Detecting
 - Went through the app to find bugs. More than 5 bugs were found, and Jira tasks were created for them.
 - AWS Authentication and Cognito
 - Researched AWS Cognito. Cognito is a service from AWS that allows developers to use their SignIn/SignUp tool, authentication, and maybe more tools they provide.
 - Started to implement the Culinary-Command source code to align it with AWS Cognito.
 - New Packages were needed at the root and swap out signIn/signOut logic throughout the whole application.
- **Pending issues** *(If applicable: Were there any unexpected complications? Please elaborate.)*
 - Anthony Phan: Fully reviewed the design of drawings and prototypes of drawings from last semester, will elaborate to team about what features are needed.
 - Kevin Tran: Infrastructure has been very inconsistent, so that has affected development.
 - Ryan Rocky: App is not viewable at <http://3.20.198.36/>. Has been pretty spotty recently, resetting the Lightsail instance has typically worked, but we should try to figure out what has been causing the unreliability.
 - Matayas Durr:
 - Demo scope needs to be clearly finalized so the team can focus only on features required for restaurant demonstrations
 - Some features still exist in partial or placeholder states and may need to be hidden or simplified for demos
 - Wyatt Hunter: "www.Culinary-Command" domain still doesn't work. If it does, it quickly shorts out.

○ **Comments and extended discussion** (Optional)

The team decided as a collective to try to stick within the AWS ecosystem. We believe that this will allow for more efficient troubleshooting in the future because we are limiting the points of failure to just one service. This will also potentially keep costs down for our client.

○ **Plans for the upcoming week** (Please describe duties for the upcoming week for each member. What is/are the task(s)? Who will contribute to it? Be as concise as possible.)

- Anthony Phan: Continue to draw up new designs and implement them into code. Will also continue asking questions to teammates and gathering feedback
- Kevin Tran:
 - Continue working on cards in the backlog. More specifically, migrate to HTTPS and work on refining the IMS.
- Ryan Rockey: Continue on LocationState UI management
- Matayas Durr
 - Finalize the demo workflow and checklist for the restaurant demo
 - Continue reviewing and refining Figma designs with a focus on demo usability
 - Coordinate with teammates to ensure implemented features align with the planned demo flow
 - Assist with testing and identifying friction points that could impact a live demo
- Wyatt Hunter -> Finish Cognito for SignUp and SignOut. Implement the SignUp page after. Then go through the bugs I found the week prior and fix them.

○ **Individual contributions**

<u>NAME</u>	<u>Individual Contributions</u> <i>(Quick list of contributions. This should be short.)</i>	<u>Hours this week</u>	<u>HOURS cumulative</u>
Anthony Phan	Figma design and drawings Implement designs into code Make app more efficiently accessible with button and link move arounds	6	6
Kevin Tran	Internal documentation, AI PoC, HTTPS migration	7	7
Matayas Durr	UI/UX planning and Figma feedback Demo workflow planning for restaurant use Feature prioritization for demo readiness	6	6

Ryan Rockey	General research into Cognito and Resend APIs, rudimentary implementation of Resend API to send emails to new users	6	6
Wyatt Hunter	AWS Cognito Relations to SignIn/SignOut Bug Hunting and Monitoring Planning	6	6